

Notice of Allowability

Application No.

10/026,419

Examiner

Daborah Chacko-Davis

Applicant(s)

KAWANO ET AL.

Art Unit

1756

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to June 29, 2004.
2. ☒ The allowed claim(s) is/are 1-14 and 86-96.
3. ☒ The drawings filed on 24 April 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. David M. Longo on September 27, 2004.

The application has been amended as follows: Claim 5, at line 2, before the word "selected" the words "of the conditions" have been replaced with the word --condition--.

Claims 15-85, have been cancelled.

The preceding amendment was made to overcome lack of antecedent basis. Claims 15-85, were cancelled because they were directed to a non-elected invention.

2. The following is an examiner's statement of reasons for allowance: Claims 1-5, and 86-88, are allowable over the prior art of record (U. S. Patent No. 6,644,964 (Shirakawa et al), and U. S. Patent No. 5,434,644 (Kitano et al)) because the prior art of record fails to disclose a heating apparatus comprising a second space connected with an outside of the chamber through a first opening and a second opening formed in the side surfaces of the chamber, and an air stream mechanism forming an air stream in the second space in order to discharge a substance evaporated from the coating film. Claims 6-14, and 89, are allowable over the prior art of record (U. S. Patent No.

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6,644,964 (Shirakawa et al), and U. S. Patent No. 5,434,644 (Kitano et al)) because the prior art of record fails to disclose a heating apparatus comprising an adsorption plate arranged in the chamber to face the support surface, wherein the surface of the adsorption plate that faces the substrate to be processed adsorbs a substance evaporated from the coating film. Claims 90-93, are allowable over the prior art of record (U. S. Patent No. 6,644,964 (Shirakawa et al), and U. S. Patent No. 5,434,644 (Kitano et al)) because the prior art of record fails to disclose a heating apparatus comprising an adsorption plate arranged in the chamber to face the support surface, wherein the adsorption plate includes a temperature control function for controlling the temperature of said adsorption plate. Claims 94-96, are allowable over the prior art of record (U. S. Patent No. 6,644,964 (Shirakawa et al), and U. S. Patent No. 5,434,644 (Kitano et al)) because the prior art of record fails to disclose a heating apparatus comprising an adsorption plate formed from a metal member and arranged in the chamber to face the support surface, wherein the apparatus includes a voltage generator for generating an electric field between the heating plate and the metal member.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daborah Chacko-Davis whose telephone number is (571) 272-1380. The examiner can normally be reached on M-F 9:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark F Huff can be reached on (571) 272-1385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

dcd

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September 27, 2004.



JOHN A. MCPHERSON
PRIMARY EXAMINER